

Public Comments on Wireless E911 Location Accuracy Requirements: IP-Enabled Service Providers:=====

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The accuracy should be to within 100 square meters at minimum and to 10 square meters as a long-term goal if 100 meters is not presently possible. In all cases, the display method shall be US NATIONAL GRID, the interoperable geospatial positioning format that is a national standard and that is compatible with US Military and NATO. Example: 14S PJ 152 810 (100 meters) or 14S PJ 1525 8104 (10 meters). There are many advantages here and non-reliance on street address is one of them. Another is simple character count. There are numerous references to US NATIONAL GRID on the internet; here are some:

a) <http://www.fgdc.gov/usng>

b) <http://www.mngeo.state.mn.us/committee/empreg/download/USNG/index.html>

c) <http://www.floridadisaster.org/gis/usng/>

d) <http://www.myfloridacfo.com/sfm/USNatGrid.htm>

e) <http://statter911.com/category/u-s-national-grid/>

f) <http://mississippi.deltastate.edu/>

ABSOLUTLY DO NOT USE LATITUDE AND LONGITUDE AS THERE ARE THREE(3) VERSIONS AND VERBALLY SAYING OR TYPING EACH OF THE 3 COORDINATE VERSIONS IS MUCH MORE COMPLEX THAN US NATIONAL GRID IS. US NATIONAL GRID is a simple x-y system and is easiest to learn for those not familiar with any kind of coordinate system.